

Amendments to the Claims

This listing will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (currently amended) A method of generating a list of offsets in time, phase, frequency, or derivatives thereof, or their equivalents expressed as offsets in distance or derivatives thereof, of a plurality of transmission source signals, received at a given location, relative to a common reference, the method comprising
 - (a) acquiring data from ~~one or more~~ plural receivers, the positions of which may be known or determined, the data from a receiver comprising offsets in time, phase, frequency, or derivatives thereof, respectively of signals received from the transmission sources relative to a reference source in each receiver or to each other; and
 - (b) combining the acquired data and calculating the list of offsets relative to the common reference.
2. (currently amended) A method of generating a list of offsets in time, phase, frequency, or derivatives thereof, or their equivalents expressed as offsets in distance or derivatives thereof, of a plurality of transmission source signals, received at a given location, relative to a common reference, the method comprising
 - (a) acquiring data from ~~one or more~~ plural receivers, the positions of which may be known or determined, the data from a receiver being representative of the received signals;
 - (b) determining from the acquired data the offsets in time, phase, frequency, or derivatives thereof, respectively of signals received from the transmission sources relative to a reference source or to each other; and
 - (c) combining the offsets so determined and calculating the list of offsets relative to the common reference.

3. (original) A radio positioning method for determining the position of one or more receivers the positions of which are unknown, which method includes the method of claim 1 or claim 2.
4. (original) A radio positioning method according to claim 3, wherein the common reference comprises an external reference.
5. (original) A radio positioning method according to claim 4, wherein the common reference comprises a GPS signal.
6. (currently amended) A radio positioning method according to claim 3, wherein the step of acquiring data from said ~~one or more~~plural receivers includes instigating acquisition of said data from a common location.
7. (currently amended) A radio positioning method according to claim 3, wherein the step of acquiring data from said ~~one or more~~plural receivers includes instigating acquisition of said data from each said receiver at times determined by each said receiver.
8. (currently amended) Apparatus for generating a list of offsets in time, phase, frequency, or derivatives thereof, or their equivalents expressed as offsets in distance or derivatives thereof, of a plurality of transmission source signals, received at a given location, relative to a common reference, the apparatus comprising
 - (a) means for acquiring data from ~~one or more~~plural receivers, the positions of which may be known or determined, the data from a receiver comprising offsets in time, phase, frequency, or derivatives thereof, respectively of signals received from the transmission sources relative to a reference source in each receiver or to each other; and
 - (b) means for combining the acquired data and calculating the list of offsets relative to the common reference.

9. (currently amended) Apparatus for generating a list of offsets in time, phase, frequency, or derivatives thereof, or their equivalents expressed as offsets in distance or derivatives thereof, of a plurality of transmission source signals, received at a given location, relative to a common reference, the apparatus comprising

- (a) means for acquiring data from ~~one or more~~^{plural} receivers, the positions of which may be known or determined, the data from a receiver being representative of the received signals;
- (b) means for determining from the acquired data the offsets in time, phase, frequency, or derivatives thereof, respectively of signals received from the transmission sources relative to a reference source or to each other; and
- (c) means for combining the offsets so determined and calculating the list of offsets relative to the common reference.

10. (original) A radio positioning system including apparatus according to claim 8 or to claim 9.

11. (original) A radio positioning system according to claim 10, wherein the common reference comprises a reference external to said receivers.

12. (original) A radio positioning system according to claim 11, wherein the common reference comprises a GPS signal.

13. (currently amended) A radio positioning system according to claim 10, wherein the means for acquiring data from said ~~one or more~~^{plural} receivers includes a computer system arranged to instigate the transfer of said data from said ~~one or more~~^{plural} receivers to said computer system at times determined by said computer system.

14. (currently amended) A radio positioning system according to claim 10, wherein the means for acquiring data from said ~~one or more~~^{plural} receivers includes a computer system, and including means for instigating said acquisition of data from each said receiver at times determined by each said receiver.
15. (previously presented) A digital telephone network, including a radio positioning system according to claim 10.